Form PTO 1449 ATTY DOCKET NO. SERIAL NO.	است سند چيد يو. ———		111 0 3 7000	· w						
HIROSHI HATA, et al. FILING DATE December 31, 2001 3681  U.S. PATENT DOCUMENTS  EXAMINER NUMBER DATE NAME CLASS SUB FILING DATE FAPPROPRIATE FAPPROPRIATE  AA 3, 823,568 11-30-71 Mori AB AC AC AC AC AC AF AG AG AF AG AG AH AI AI AN										
HIROSHI HATA, et al. FILING DATE December 31, 2001 3681  U.S. PATENT DOCUMENTS  EXAMINER NUMBER DATE NAME CLASS SUB FILING DATE FAPPROPRIATE FAPPROPRIATE  AA 3, 823,568 11-30-71 Mori AB AC AC AC AC AC AF AG AG AF AG AG AH AI AI AN			DEMARK OFFICE	217671US3						
FILING DATE DOCUMENTS  U.S. PATENT DOCUMENTS  EXAMINER NAME CLASS SUB FILING DATE NAME CLASS CLASS CLASS FILING DATE IF APPROPRIATE IF APPROP	& TRADE				APPLICANT					
DECEMBER 31, 2001  U.S. PATENT DOCUMENTS  EXAMINER NUMBER DATE NAME CLASS CLASS IF APPROPRIATE  INTIAL NUMBER DATE NAME CLASS CLASS IF APPROPRIATE  AA 3,623,568 11-30-71 Mori  AC AD AD AC AC AD AC	LIST OF REFERENCES CITED BY APPLICANT Hiroshi HATA, et al.									
U.S. PATENT DOCUMENTS    CLASS   SUB   FILING DATE   NAME   CLASS   CLASS   FAPPROPRIATE							GROUP			
U.S. PATENT DOCUMENTS    DOCUMENT   NUMBER   DATE   NAME   CLASS   CLASS   FILING DATE   CLASS   CLASS   CLASS   FILING DATE   CLASS   CLASS   CLASS   CLASS   FILING DATE   CLASS   C					December 31, 2001		3681			
DATE NAME CLASS LIFAPPROPRIATE  AA 3,623,568 11-30-71 Morl  AB AC										
NUMBER  AA 3.623.568  11-30-71  Mon  AB  AC  AC  AD  AE  AF  AG  AF  AG  AH  JUL 0 9 2003  AI  AL  AM  AN  AN  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  TRANSLATION YES  NO  AP  AQ  AR  AR  AS  AG  AR  AG  AG  AR  AG  AG  AR  AG  AG	EXAMINER		DOCUMENT	DATE	NAME CLASS					
AB AC AC AD AD AE AF AG AG AH AH AI AI AI AI AN	LINITIAL			DATE	NAME	CEAGG	CLASS	IF APF	PROPRIATE	
AC AD AD AE AF AF AG AG AH AH AI AI AI AI AN	72	AA	3,623,568	11-30-71	Mori					
AD  AE  AF  AG  AH  AI  AI  AI  AI  AI  AN  AN  AN  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  TRANSLATION YES  NO  AO  AP  AQ  AR  AQ  AA  AY  AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AX  AY  AZ  AZ  Additional References sheet(s) attached  Date Considered  AM  AZ  AZ  AZ  Additional References sheet(s) attached  Date Considered  AM  AZ  AZ  AZ  AZ  AZ  AZ  AZ  AZ  AZ		AB								
AE AF AG AG AH AI AI AI AI AI AN		AC								
RECEIVED  AG  AH  AH  JUL 9 2003  AJ  AX  AK  AL  AM  AN  AN  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  TRANSLATION YES NO  AO  AO  AP  AQ  AR  AR  AS  AS  AT  AU  AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AX  AX  AY  AZ  AZ  AG  Additional References sheel(s) attached  Date Considered Additional References sheel(s) attached		AD								
RECEIVED  AG  AH  AH  JUL 9 2003  AJ  AX  AK  AL  AM  AN  AN  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  TRANSLATION YES NO  AO  AO  AP  AQ  AR  AR  AS  AS  AT  AU  AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AX  AX  AY  AZ  AZ  AG  Additional References sheel(s) attached  Date Considered Additional References sheel(s) attached		AE								
AG										
AH AI AI AJ GROUP 3600  AK AL AM AN					RECEIVEL	1				
AK AL AM AN AN BOCUMENT NUMBER DATE COUNTRY TRANSLATION YES NO AO AP AQ AQ AR AR AS AS AT AU AV  OTHER REFERENCES (Including Author, Titte, Date, Pertinent Pages, etc.)  AW  AZ  AZ  AZ  Additional References sheet(s) attached Date Considered  AW AZ  AZ  Additional References sheet(s) attached Date Considered  AW AZ  AZ  AZ  Additional References sheet(s) attached Date Considered  AW AZ  AZ  AZ  AAC AAC AAC AAC AAC AAC AAC										
AK AL AM AN AN BOCUMENT NUMBER DATE COUNTRY TRANSLATION YES NO AO AP AQ AQ AR AR AS AS AT AU AV  OTHER REFERENCES (Including Author, Titte, Date, Pertinent Pages, etc.)  AW  AZ  AZ  AZ  Additional References sheet(s) attached Date Considered  AW AZ  AZ  Additional References sheet(s) attached Date Considered  AW AZ  AZ  AZ  Additional References sheet(s) attached Date Considered  AW AZ  AZ  AZ  AAC AAC AAC AAC AAC AAC AAC				+						
AK AL AM AN AN BOCUMENT NUMBER DATE COUNTRY TRANSLATION YES NO AO AP AQ AQ AR AR AS AS AT AU AV  OTHER REFERENCES (Including Author, Titte, Date, Pertinent Pages, etc.)  AW  AZ  AZ  AZ  Additional References sheet(s) attached Date Considered  AW AZ  AZ  Additional References sheet(s) attached Date Considered  AW AZ  AZ  AZ  Additional References sheet(s) attached Date Considered  AW AZ  AZ  AZ  AAC AAC AAC AAC AAC AAC AAC				1	CPOUD 260	n				
AL AM AN FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  TRANSLATION YES NO  AO AP AP AQ AR AR AS AS AT AT AU AU AV AY AX					UNCUP SOL	10				
AM AN FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  TRANSLATION YES NO  AO AP AP AN	<del></del>									
FOREIGN PATENT DOCUMENTS    DOCUMENT NUMBER   DATE   COUNTRY   TRANSLATION YES   NO     AO						<del>                                     </del>				
FOREIGN PATENT DOCUMENTS  DOCUMENT NUMBER  AO  AO  AP  AQ  AR  AS  AT  AU  AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AX  AX  AX  AX  AX  AX  AX  AX  AX  A							<del>                                     </del>			
DOCUMENT NUMBER  AO  AO  AP  AQ  AR  AS  AT  AU  AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AZ  AZ  AZ  Additional References sheet(s) attached  Date Considered  AAC  Date Considered  AAC  AC  AC  AC  AC  AC  AC  AC  AC		AN			DEIGN PATENT DOCUMENTS		1	<u> </u>		
AO AP AQ AR AS AT AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW AX				F	NEIGH FAILH DOGGMENTO		T	TDANC! 1	ATION	
AP AQ AR AR AS AS AT AU AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW AX  AX  AY  Date Considered				DATE	COUNTRY		YE			
AQ AR AS AS AT AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW AX AY  AZ AZ Additional References sheet(s) attached Date Considered		AO					<b></b>			
AR AS AS AT AU AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AX  AY  AZ  AZ  Additional References sheet(s) attached  Date Considered		AP					<u> </u>			
AS  AT  AU  AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AX  AY  AZ  Date Considered  Date Considered  Date Considered  Date Including Author, Title, Date, Pertinent Pages, etc.)		AQ								
AT  AU  AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AX  AY  AZ  AZ  Additional References sheet(s) attached  Date Considered		AR						<del></del>		
AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AX  AY  AZ  AZ  AZ  AZ  AZ  AZ  AZ  AZ  AZ		AS					1			
AV  OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AW  AX  AY  AZ  AZ  AZ  Additional References sheet(s) attached  Examiner  Date Considered		AT				<u> </u>		· · · · · · · · · · · · · · · · · · ·		
AX  AY  AZ  Examiner  Date Considered  Date Considered  Date Sheet (s) attached  Date Considered		AU					ļ			
AX  AY  AZ  AZ  AZ  Additional References sheet(s) attached  Date Considered		AV					<u></u>			
AX  AY  AZ  AZ  AZ  Additional References sheet(s) attached  Date Considered	OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)									
AX  AY  AZ  AZ  Additional References sheet(s) attached  Date Considered 9/4/3  Examiner  Date Considered 9/4/3										
AZ  AZ  Additional References sheet(s) attached  Date Considered		AW								
Examiner  Date Considered		AX								
Examiner Date Considered 9/4/3		AY								
Examiner  Examin		AZ				☐ Add	Additional References sheet(s) attached			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in				N. K		1 _	Date considered / 14/05			
I CONTOURNATION AND THOU CONTINUED CO. INCOME. CONT. WILLIAM TO THOU TO THE TOWN THE CONTINUE TO THE CONTINUE	*Examiner: I	nitial if	reference is considere	d, whether or n	ot citation is in conformance with MPEP 6 m with next communication to applicant.	09; Draw	line throug	h citation i	not in	